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Mintmum d IPC 7	ocumentation searched (classification system followed by classificat $601N-C12Q$	ion symbols)	
Documenta	ation searched other than minimum documentation to the extent that	such documents are included in the fields s	earched
Electronic	data base consulted during the international search (name of data ba	ase and, where practical, search terms used	<u>a)</u>
EPO-In	ternal, BIOSIS, WPI Data, EMBASE		
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		7 · · · · · · · · · · · · · · · · · · ·
Category *	Citation of document, with indication, where appropriate, of the re	levant passages	Relevant to daim No.
Υ	US 2003/011943 A1 (GILL HARDAYAL AL) 16 January 2003 (2003-01-16) the whole document in particular Example 4.	SINGH ET	1-27
Y	WO 03/083140 A (WONG LIMSOON ;YEO (SG); DOWNING JAMES R (US); WILK 9 October 2003 (2003-10-09) the whole document in particular pages 5-14.	DH ENG-JUH INS DAW)	1-27
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X Furt	her documents are listed in the continuation of box C.	χ Patent family members are listed	In annex.
° Special ca	ategories of cited documents :	"T" later document or "lished after the Inte	renative tilling date
consid	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in conflict with dited to understand the principle or th invention	the application but eory underlying the
filing ("X" document of particular relevance; the cannot be considered novel or canno	t be considered to
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"O" docum	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	cannot be considered to involve an In document is combined with one or ma	ore other such docu-
P docum	means ent published prior to the International filing date but han the priority date claimed	ments, such combination being obvio in the art. *&' document member of the same patent	•
Date of the	actual completion of the international search	Date of malling of the international sea	rch report
2	March 2005	2 8 06. 2005	
Name and	mailing address of the ISA	Authorized officer	
	European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk		
İ	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Thumb, W	

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C (C==*)::	-U COMMENTS CONCIDENCE TO BE PER PLANT	FC1/Er2004/012308
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Y	KOHLMANN A ET AL: "MOLECULAR CHARACTERIZATION OF ACUTE LEUKEMIAS BY USE OF MICROARRAY TECHNOLOGY" GENES, CHROMOSOMES & CANCER, XX, XX, vol. 37, no. 4, August 2003 (2003-08), pages 396-405, XP008025253 the whole document	1-27
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	The state of the s	TOTAL TO CAMILITYO,
A	ALIZADEH A ET AL: "THE LYMPHOCHIP: A SPECIALIZED CDNA MICROARRAY FOR THE GENOMIC-SCALE ANALYSIS OF GENE EXPRESSION IN NORMAL AND MALIGNANT LYMPHOCYTES" COLD SPRING HARBOR SYMPOSIA ON QUANTITATIVE BIOLOGY, BIOLOGICAL LABORATORY, COLD SPRING HARBOR, NY, US, vol. 64, no. 1, 1999, pages 71-78, XP001099007 ISSN: 0091-7451 the whole document	1-27
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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
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A	DATE BASE BIOSIS 'Online! BIO: SIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1 December 1997 (1997-12-01), SCHOCH CLAUDIA ET AL: "The significance of trisomy 8 in de novo acute myeloid leukaemia: The accompanying chromosome aberrations determine the prognosis" XPO02274077 Database accession no. PREV199800047457 abstract & BRITISH JOURNAL OF HAEMATOLOGY, vol. 99, no. 3, 1 December 1997 (1997-12-01), pages 605-611, ISSN: 0007-1048	1-27
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ternational application No. PCT/EP2004/012368

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Article 52 (2)(d) EPC - Presentation of information
The claims were only searched with re gards to the underlying method of generating a reference data base for distinguishing prognostically definable 2. Claims Nos.:
2. Claims Nos.: because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Laims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet).
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
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As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
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No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the dalms; it is covered by claims Nos.:
1-27 (partially)
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Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210 Continuation of Box II.1 Article 52 (2)(d) EPC - Presentation of information The claims were only searched with regards to the underlying method of generating a reference data base for distinguishing prognostically definable AML subtypes with aberrant and prognostically intermediate karyotypes into different prognosis subsets.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-27 (partially)

A method for distinguishing AML subtypes with aberrant and prognostically intermediate karyotypes selected from trisomy 8, inv(3), t(3;3), trisomy 11, trisomy 13, trisomy 4, t(1;3), t(6;9), der(5)t(5; 11), i(17), del(9q), del(12p), and/or del(20q) into subsets with different prognosis, wherein higher expression of a marker molecule designated 243479_at is indicative for a specific median event-free survival (EFS). Use of said marker for the manufacture of a diagnostic. A diagnostic kit containing said marker and an apparatus comprising a reference data bank, wherein the reference data bank is obtainable by determining the expression level of 243479_at.

2. claims: 1-27 (all partially)

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Inventions 2-100

Methods for distinguishing AML subtypes with aberrant and prognostically intermediate karyotypes selected from trisomy 8, inv(3), t(3;3), trisomy 11, trisomy 13, trisomy 4, t(1;3), t(6;9), der(5)t(5; 11), i(17), del(9q), del(12p), and/or del(20q) into subsets with different prognosis, wherein expression of marker molecules as defined in claim 1 is indicative for a specific median event-free survival (EFS) or for a specific median overall survival (OS). Use of said markers for the manufacture of diagnostics. Diagnostic kits containing said markers and apparatus comprising a reference data bank, wherein the reference data bank is obtainable by determining the expression levels of said markers.

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